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🔍 Title: **JP5151947A2: SEPARATOR FOR SEALED LEAD ACID BATTERY**

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **TATSUMI YOSHIRO;
FUNATO TAKAYUKI;
NAKAJIMA MAKOTO;
ISHIKURA YOSHINAO;**

🔍 Assignee: **JAPAN STORAGE BATTERY CO LTD**
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🔍 Published / Filed: **1993-06-18 / 1991-11-29**

🔍 Application Number: **JP1991000342037**

🔍 IPC Code: **H01M 2/16;**

🔍 Priority Number: **1991-11-29 JP1991000342037**

🔍 Abstract:

PURPOSE: To enhance the electrolytic solution retaining property and the absorbing performance by filling a hollow in a separator made of fine glass fibers with porous silicon dioxide powder impregnated with sulphuric acid.

CONSTITUTION: A hollow 2 is formed in a separator 1 made of fine glass fibers and filled with porous silicon dioxide powder 3 containing sulphuric acid. Because lying within the separator 1, the powder 3 sputters scarcely to outside the separator, and because of inclusion of sulphuric acid the powder 3 exerts good solution absorbing performance, which allows quick pouring of water. This eliminates risk of clogging of a solution plug due to sputter of the powder, and the resultant battery can have an enhanced solution pouring property.

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🔍 Family: **None**

🔍 Other Abstract Info: **CHEMABS 119(14)143029C CAN119(14)143029C DERABS C93-229726 DERC93-229726**



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